

## EAST Search History

| Ref # | Hits | Search Query   | DBs             | Default Operator | Plurals | Time Stamp       |
|-------|------|--|-----------------|------------------|---------|------------------|
| S1    | 415  | (IPS (inplane in adj1 plane) adj1 switch\$6) with (anisotrop\$6 birefring\$6 dichroic\$6) with (liquid near3 crystal LC) and "349"/\$.ccls.                              | US-PGPUB; USPAT | OR               | ON      | 2008/07/31 21:12 |
| S2    | 15   | (IPS (inplane in adj1 plane) adj1 switch\$6) with (anisotrop\$6 birefring\$6 dichroic\$6) with (liquid near3 crystal LC) same off and "349"/\$.ccls.                     | US-PGPUB; USPAT | OR               | ON      | 2008/08/03 13:14 |
| S3    | 1    | "6937308".pn. and IPS same electr\$6   | US-PGPUB; USPAT | OR               | ON      | 2008/08/03 13:44 |
| S4    | 415  | (IPS (inplane in adj1 plane) adj1 switch\$6) with (anisotrop\$6 birefring\$6 dichroic\$6) with (liquid near3 crystal LC) and "349"/\$.ccls.                              | US-PGPUB; USPAT | OR               | ON      | 2008/08/03 13:59 |
| S5    | 400  | S4 not S2  | US-PGPUB; USPAT | OR               | ON      | 2008/08/03 13:59 |
| S6    | 3    | S4 not S2 and kerr   | US-PGPUB; USPAT | OR               | ON      | 2008/08/03 14:35 |
| S7    | 26   | (IPS (inplane in adj1 plane) adj1 switch\$6) with (anisotrop\$6 birefring\$6 dichroic\$6) with (liquid near3 crystal LC) same (refract\$6 with index) and "349"/\$.ccls. | US-PGPUB; USPAT | OR               | ON      | 2008/08/03 14:42 |
| S9    | 143  | (IPS (inplane in adj1 plane) adj1 switch\$6) with (anisotrop\$6 birefring\$6 dichroic\$6 isotropic\$6) with (liquid near3 crystal LC) and "349"/\$.ccls.                 | USPAT           | OR               | ON      | 2008/08/03 21:22 |
| S10   | 1    | "20030052847"  | USPAT           | OR               | ON      | 2008/08/04 06:09 |
| S11   | 2    | "20030052847" and transparen\$6  | US-PGPUB; USPAT | OR               | ON      | 2008/08/04 06:13 |
| S12   | 2    | "20030052847" and transparen\$6 with (electr \$6 "103" "106")  | US-PGPUB; USPAT | OR               | ON      | 2008/08/04 06:13 |

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|-----|------|---|--------------------|----|----|---------------------|
| S13 | 1    | "6266109".pn.   | US-PGPUB;<br>USPAT | OR | ON | 2008/08/04<br>17:43 |
| S14 | 1    | "20070080370"   | US-PGPUB;<br>USPAT | OR | ON | 2008/08/04<br>17:50 |
| S15 | 1    | "20070080370" and<br>separat\$6 with switch\$6                            | US-PGPUB;<br>USPAT | OR | ON | 2008/08/04<br>17:51 |
| S16 | 0    | "20070080370" and off<br>with on  | US-PGPUB;<br>USPAT | OR | ON | 2008/08/04<br>18:11 |
| S17 | 1    | "20070080370" and off   | US-PGPUB;<br>USPAT | OR | ON | 2008/08/04<br>18:11 |
| S18 | 0    | "20070080370" and vice  | US-PGPUB;<br>USPAT | OR | ON | 2008/08/04<br>18:11 |
| S19 | 1    | "20070080370" and off<br>same switch\$6                                   | US-PGPUB;<br>USPAT | OR | ON | 2008/08/04<br>18:36 |
| S20 | 0    | "20070080370" and off<br>with state same switch\$6                        | US-PGPUB;<br>USPAT | OR | ON | 2008/08/04<br>18:41 |
| S21 | 1    | "20070080370" and off<br>with state                                       | US-PGPUB;<br>USPAT | OR | ON | 2008/08/04<br>18:41 |
| S22 | 1    | "20070080370" and<br>anisotropic\$6 with isotropic<br>\$6                 | US-PGPUB;<br>USPAT | OR | ON | 2008/08/04<br>18:43 |
| S23 | 1    | "6266109".pn. and switch<br>\$6 with element                              | US-PGPUB;<br>USPAT | OR | ON | 2008/08/04<br>19:37 |
| S24 | 1    | "6266109".pn. and switch<br>\$6 with element with<br>(pixel display)      | US-PGPUB;<br>USPAT | OR | ON | 2008/08/04<br>19:37 |
| S25 | 2260 | switch\$6 adj1 element<br>near2 (pixel) and "349"/\$.<br>ccls.            | US-PGPUB;<br>USPAT | OR | ON | 2008/08/05<br>13:18 |
| S26 | 471  | switch\$6 adj1 element<br>near2 (pixel) and "349"/\$.<br>ccls. and "2006" | US-PGPUB;<br>USPAT | OR | ON | 2008/08/05<br>13:18 |
| S27 | 0    | "6266109".pn. and<br>(transistor TFT)                                     | US-PGPUB;<br>USPAT | OR | ON | 2008/08/05<br>13:22 |
| S28 | 0    | "6266109".pn. and (passiv<br>\$6 activ\$6)                                | US-PGPUB;<br>USPAT | OR | ON | 2008/08/05<br>14:39 |
| S29 | 0    | "6266109".pn. and (matrix<br>\$6 grid\$6 array\$6)                        | US-PGPUB;<br>USPAT | OR | ON | 2008/08/05<br>14:43 |
| S30 | 1    | "6266109".pn.   | US-PGPUB;<br>USPAT | OR | ON | 2008/08/05<br>14:43 |
| S31 | 10   | "6266109".urpn.   | US-PGPUB;<br>USPAT | OR | ON | 2008/08/05<br>14:55 |
| S32 | 4    | "6266109".urpn. and kerr  | US-PGPUB;<br>USPAT | OR | ON | 2008/08/05<br>15:00 |
| S33 | 1    | "6266109".pn. and partition<br>\$6  | US-PGPUB;<br>USPAT | OR | ON | 2008/08/05<br>15:04 |

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| S34 | 1     | "6266109".pn. and partition<br>\$6 with electrodd\$6                          | US-PGPUB;<br>USPAT | OR | ON | 2008/08/05<br>15:05 |
| S35 | 0     | "6266109".pn. and partition<br>\$6 with spacer\$6                             | US-PGPUB;<br>USPAT | OR | ON | 2008/08/05<br>15:09 |
| S36 | 0     | "6266109".pn. and partition<br>\$6 same spacer\$6                             | US-PGPUB;<br>USPAT | OR | ON | 2008/08/05<br>15:09 |
| S37 | 1     | "6266109".pn. and partition<br>\$6 and spacer\$6                              | US-PGPUB;<br>USPAT | OR | ON | 2008/08/05<br>15:09 |
| S38 | 0     | "6266109".pn. and partition<br>\$6 same 1A                                    | US-PGPUB;<br>USPAT | OR | ON | 2008/08/05<br>15:11 |
| S39 | 1     | "6266109".pn. and section<br>\$6 with electrodd\$6                            | US-PGPUB;<br>USPAT | OR | ON | 2008/08/05<br>15:14 |
| S40 | 1     | "6266109".pn. and section<br>\$6 with element\$6                              | US-PGPUB;<br>USPAT | OR | ON | 2008/08/05<br>15:22 |
| S41 | 1     | S39 S40   | US-PGPUB;<br>USPAT | OR | ON | 2008/08/05<br>15:25 |
| S42 | 1     | "6266109".pn. and section<br>\$6 with electrodd\$6                            | US-PGPUB;<br>USPAT | OR | ON | 2008/08/05<br>15:28 |
| S43 | 1     | "6266109".pn. and switch<br>\$6 with element\$6 with<br>imag\$6               | US-PGPUB;<br>USPAT | OR | ON | 2008/08/05<br>15:54 |
| S44 | 1     | "6266109".pn. and imag\$6<br>adj2 element\$6                                  | US-PGPUB;<br>USPAT | OR | ON | 2008/08/05<br>16:10 |
| S45 | 0     | "6266109".pn. and imag\$6<br>adj2 switch\$6                                   | US-PGPUB;<br>USPAT | OR | ON | 2008/08/05<br>16:14 |
| S46 | 1     | "6266109".pn. and imag\$6<br>with switch\$6                                   | US-PGPUB;<br>USPAT | OR | ON | 2008/08/05<br>16:15 |
| S47 | 1     | "6266109".pn. and imag\$6<br>near2 display near2 device                       | US-PGPUB;<br>USPAT | OR | ON | 2008/08/05<br>16:27 |
| S48 | 1     | "6266109".pn. and imag\$6<br>near2 display\$6 with switch<br>\$6              | US-PGPUB;<br>USPAT | OR | ON | 2008/08/05<br>16:32 |
| S49 | 26938 | "349"/\$.ccls. not<br>@ad> "20060614"   | US-PGPUB;<br>USPAT | OR | ON | 2008/08/06<br>17:52 |
| S50 | 81    | "349"/\$.ccls. not<br>@ad> "20060614" and tripl<br>\$6 near5 pixel            | US-PGPUB;<br>USPAT | OR | ON | 2008/08/07<br>12:32 |
| S51 | 47    | "349"/\$.ccls. not<br>@ad> "20060614" and tripl<br>\$6 near5 (red green blue) | US-PGPUB;<br>USPAT | OR | ON | 2008/08/07<br>12:33 |
| S52 | 111   | S50 S51   | US-PGPUB;<br>USPAT | OR | ON | 2008/08/07<br>12:33 |
| S53 | 6     | "349"/\$.ccls. not<br>@ad> "20060614" and tripl<br>\$6 near5 (vertic\$6)      | US-PGPUB;<br>USPAT | OR | ON | 2008/08/07<br>14:46 |

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| S54 | 11   | "349"/\$.ccls. not<br>@ad> "20060614" and fine<br>adj1 partic\$6 near5 (vertic<br>\$6)  | US-PGPUB;<br>USPAT | OR | ON  | 2008/08/07<br>14:47 |
| S55 | 81   | "349"/\$.ccls. not<br>@ad> "20060614" and tripl<br>\$6 near5 pixel  | US-PGPUB;<br>USPAT | OR | ON  | 2008/08/07<br>14:55 |
| S56 | 47   | "349"/\$.ccls. not<br>@ad> "20060614" and tripl<br>\$6 near5 (red green blue)   | US-PGPUB;<br>USPAT | OR | ON  | 2008/08/07<br>14:55 |
| S57 | 17   | S55 and S56   | US-PGPUB;<br>USPAT | OR | ON  | 2008/08/07<br>14:55 |
| S58 | 1    | "20070080370" and switch<br>\$6 adj1 element  | US-PGPUB;<br>USPAT | OR | ON  | 2008/08/07<br>15:01 |
| S59 | 1    | \$3pixel with (plural\$6<br>multip\$6 two) near1 (TFT<br>\$6 thin adj1 film adj1<br>transistor) not<br>@ad> "20060614" and<br>(isotrop\$6 anisotrop\$6)<br>with off | US-PGPUB;<br>USPAT | OR | OFF | 2008/08/21<br>14:07 |
| S60 | 12   | \$3pixel with (plural\$6<br>multip\$6 two) near1 (TFT<br>\$6 thin adj1 film adj1<br>transistor) not<br>@ad> "20060614" and<br>(isotrop\$6 anisotrop\$6)<br>with off | US-PGPUB;<br>USPAT | OR | ON  | 2008/08/21<br>14:08 |
| S61 | 3668 | control near5 "second<br>electrode"   | US-PGPUB;<br>USPAT | OR | ON  | 2008/08/25<br>12:27 |
| S62 | 2    | control near5 "second<br>electrode" and 349/48.<br>ccls.  | US-PGPUB;<br>USPAT | OR | ON  | 2008/08/25<br>12:28 |
| S63 | 1    | "10582998"  | US-PGPUB;<br>USPAT | OR | ON  | 2008/08/26<br>10:34 |
| S64 | 1    | "10582998" and cubic\$6   | US-PGPUB;<br>USPAT | OR | ON  | 2008/08/26<br>10:36 |
| S65 | 1    | "10582998" and cubic\$6<br>same smect\$6  | US-PGPUB;<br>USPAT | OR | ON  | 2008/08/26<br>10:40 |
| S66 | 1    | "10582998" and cubic\$6<br>same smect\$6 and cubic\$6<br>with order\$6  | US-PGPUB;<br>USPAT | OR | ON  | 2008/08/26<br>10:42 |
| S67 | 1    | "10582998" and cubic\$6<br>same smect\$6 and cubic\$6<br>with (order\$6 phas\$6)  | US-PGPUB;<br>USPAT | OR | ON  | 2008/08/26<br>10:44 |
| S68 | 1    | "10582998" and cubic\$6<br>same smect\$6 and cubic\$6<br>with (order\$6 phas\$6<br>symmetr\$6)  | US-PGPUB;<br>USPAT | OR | ON  | 2008/08/26<br>10:48 |

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| S69 | 1  | "10582998" and emuls\$6  | US-PGPUB;<br>USPAT | OR | ON | 2008/08/26<br>11:02 |
| S70 | 1  | "10582998" and micel\$6  | US-PGPUB;<br>USPAT | OR | ON | 2008/08/26<br>11:06 |
| S71 | 1  | "10582998" and dendrimer\$6  | US-PGPUB;<br>USPAT | OR | ON | 2008/08/26<br>11:30 |
| S72 | 1  | "10582998" and (cholesteric blue)  | US-PGPUB;<br>USPAT | OR | ON | 2008/08/26<br>11:39 |
| S73 | 1  | "10582998" and (smectic \$6 blue)  | US-PGPUB;<br>USPAT | OR | ON | 2008/08/26<br>11:46 |
| S74 | 1  | "10582998" and ("400" with nm)   | US-PGPUB;<br>USPAT | OR | ON | 2008/08/26<br>11:54 |
| S75 | 5  | fine adj1 partid\$6 with lyotropic\$6  | US-PGPUB;<br>USPAT | OR | ON | 2008/08/26<br>12:07 |
| S76 | 0  | "10582998" and (isotrop\$6 anisotrop\$6) with off                                  | US-PGPUB;<br>USPAT | OR | ON | 2008/08/28<br>10:55 |
| S77 | 1  | "10582998" and absen\$6  | US-PGPUB;<br>USPAT | OR | ON | 2008/08/28<br>10:56 |
| S78 | 1  | "10582998" and order\$6 with small\$6  | US-PGPUB;<br>USPAT | OR | ON | 2008/08/28<br>11:01 |
| S79 | 1  | "10582998" and (anisotrop \$6) with absen\$6                                       | US-PGPUB;<br>USPAT | OR | ON | 2008/08/28<br>12:47 |
| S80 | 1  | "20070080370"  | US-PGPUB;<br>USPAT | OR | ON | 2009/01/26<br>21:46 |
| S81 | 1  | "20070080370" and isotrop \$6 with field   | US-PGPUB;<br>USPAT | OR | ON | 2009/01/26<br>21:46 |
| S82 | 1  | "20070080370" and isotrop \$6 with (glob\$6 spher\$6)                              | US-PGPUB;<br>USPAT | OR | ON | 2009/01/26<br>21:58 |
| S83 | 12 | micelle with (glob\$6 spher \$6) and "349"/\$.ccls.                                | US-PGPUB;<br>USPAT | OR | ON | 2009/01/26<br>22:06 |
| S84 | 11 | micelle with (glob\$6 spher \$6) same ellip\$6 and "349"/\$.ccls.                  | US-PGPUB;<br>USPAT | OR | ON | 2009/01/26<br>22:07 |
| S85 | 6  | micelle with (glob\$6 spher \$6) with ellip\$6 and "349"/\$.ccls.                  | US-PGPUB;<br>USPAT | OR | ON | 2009/01/26<br>22:07 |
| S86 | 11 | micelle with (glob\$6 spher \$6) same ellip\$6 and "349"/\$.ccls. not miyache. in. | US-PGPUB;<br>USPAT | OR | ON | 2009/01/26<br>22:08 |
| S87 | 0  | micelle with (glob\$6 spher \$6) same ellip\$6 and "349"/\$.ccls. not miyachi. in. | US-PGPUB;<br>USPAT | OR | ON | 2009/01/26<br>22:08 |

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| S88  | 0    | micelle with (glob\$6 spher\$6) same ellip\$6 and "349"/\$.ccls. not miyachi.in. and micelle.clm. | US-PGPUB; USPAT | OR | ON | 2009/01/26 22:09 |
| S89  | 2618 | micelle.clm.  | US-PGPUB; USPAT | OR | ON | 2009/01/26 22:09 |
| S90  | 13   | micelle.clm. and "349"/\$.ccls.   | US-PGPUB; USPAT | OR | ON | 2009/01/26 22:10 |
| S91  | 3    | micelle.clm. and "349"/\$.ccls. not miyachi.in.   | US-PGPUB; USPAT | OR | ON | 2009/01/26 22:10 |
| S92  | 6    | micelle.clm. and "349"/\$.ccls.   | USPAT           | OR | ON | 2009/01/26 22:11 |
| S93  | 92   | kerr adj1 effect and "349"/\$.ccls.   | US-PGPUB; USPAT | OR | ON | 2009/07/01 21:52 |
| S94  | 2    | kerr adj1 effect same (spher\$6 ellip\$6 oval\$6) and "349"/\$.ccls.                              | US-PGPUB; USPAT | OR | ON | 2009/07/01 22:12 |
| S95  | 41   | kerr adj1 effect same (isotrop\$6 anisotrop\$6) and "349"/\$.ccls.                                | US-PGPUB; USPAT | OR | ON | 2009/07/01 22:15 |
| S96  | 34   | kerr adj1 effect with (isotrop\$6 anisotrop\$6) and "349"/\$.ccls.                                | US-PGPUB; USPAT | OR | ON | 2009/07/01 22:15 |
| S97  | 15   | kerr adj1 effect with (isotrop\$6 and anisotrop\$6) and "349"/\$.ccls.                            | US-PGPUB; USPAT | OR | ON | 2009/07/01 22:15 |
| S98  | 21   | kerr adj1 effect and "349"/\$.ccls. and smect\$4 adj1 C   | US-PGPUB; USPAT | OR | ON | 2009/07/01 22:21 |
| S99  | 12   | kerr adj1 effect and "349"/\$.ccls. and smect\$4 adj1 C and miyachi.in.                           | US-PGPUB; USPAT | OR | ON | 2009/07/01 22:22 |
| S100 | 9    | S98 not S99   | US-PGPUB; USPAT | OR | ON | 2009/07/01 22:23 |
| S101 | 0    | "349"/\$.ccls. and electr\$6 adj1 field with (spher\$6 ellip\$6 oval\$6)                          | US-PGPUB; USPAT | OR | ON | 2009/07/01 22:44 |
| S102 | 232  | "349"/\$.ccls. and electr\$6 adj1 field with (spher\$6 ellip\$6 oval\$6)                          | US-PGPUB; USPAT | OR | ON | 2009/07/01 22:45 |
| S103 | 19   | "349"/\$.ccls. and electr\$6 adj1 field with (spher\$6 ellip\$6 oval\$6) and kerr                 | US-PGPUB; USPAT | OR | ON | 2009/07/01 22:45 |
| S104 | 17   | "349"/\$.ccls. and electr\$6 adj1 field with (spher\$6 ellip\$6 oval\$6) and kerr and miyachi.in. | US-PGPUB; USPAT | OR | ON | 2009/07/01 22:45 |
| S105 | 2    | S103 not S104   | US-PGPUB; USPAT | OR | ON | 2009/07/01 22:46 |

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| S106 | 0    | kerr adj1 effect with shap \$6 and "349"/\$.ccls. and smect\$4 adj1 C and miyachi.in.                          | US-PGPUB; USPAT | OR | ON | 2009/07/01 22:56 |
| S107 | 12   | kerr adj1 effect and "349"/\$.ccls. and smect\$4 adj1 C and miyachi.in. and shap \$6                           | US-PGPUB; USPAT | OR | ON | 2009/07/01 22:56 |
| S108 | 1155 | refract\$6 adj1 index near3 ellips\$6  | US-PGPUB; USPAT | OR | ON | 2009/07/01 23:02 |
| S109 | 367  | refract\$6 adj1 index near3 ellips\$6 and "349"/\$.ccls.   | US-PGPUB; USPAT | OR | ON | 2009/07/01 23:03 |
| S110 | 40   | refract\$6 adj1 index near3 ellips\$6 with (electr\$6 field) and "349"/\$.ccls.                                | US-PGPUB; USPAT | OR | ON | 2009/07/01 23:04 |
| S111 | 20   | refract\$6 adj1 index near3 ellips\$6 with (electr\$6 field) and "349"/\$.ccls. and miyachi.in.                | US-PGPUB; USPAT | OR | ON | 2009/07/01 23:04 |
| S112 | 20   | S110 not S111  | US-PGPUB; USPAT | OR | ON | 2009/07/01 23:04 |
| S113 | 34   | refract\$6 adj1 index near3 ellips\$6 with spher\$6 and "349"/\$.ccls.   | US-PGPUB; USPAT | OR | ON | 2009/07/01 23:19 |
| S114 | 18   | refract\$6 adj1 index near3 ellips\$6 with spher\$6 and "349"/\$.ccls. and miyachi.in.                         | US-PGPUB; USPAT | OR | ON | 2009/07/01 23:20 |
| S115 | 16   | S113 not S114  | US-PGPUB; USPAT | OR | ON | 2009/07/01 23:20 |
| S116 | 6    | refract\$6 adj1 index near3 ellips\$6 near3 profile  | US-PGPUB; USPAT | OR | ON | 2009/07/02 09:44 |
| S117 | 6    | refract\$6 adj1 index near3 ellips\$6 near3 profile and "349"/\$.ccls.   | US-PGPUB; USPAT | OR | ON | 2009/07/02 09:45 |
| S118 | 6    | refract\$6 adj1 index near3 ellips\$6 near3 profile and "349"/\$.ccls. and refract\$6 adj1 index near3 profile | US-PGPUB; USPAT | OR | ON | 2009/07/02 09:47 |
| S119 | 1    | "7307682".pn. and spher \$6  | US-PGPUB; USPAT | OR | ON | 2009/07/02 10:06 |
| S120 | 368  | refract\$6 adj1 index near3 ellips\$6 and "349"/\$.ccls.   | US-PGPUB; USPAT | OR | ON | 2009/07/02 10:08 |
| S121 | 366  | refract\$6 adj1 index near3 ellip\$6 and "349"/\$.ccls.  | US-PGPUB; USPAT | OR | ON | 2009/07/02 10:08 |
| S122 | 36   | refract\$6 adj1 index near3 ellip\$6 with spher\$6 and "349"/\$.ccls.  | US-PGPUB; USPAT | OR | ON | 2009/07/02 10:08 |

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| S123 | 18 | refract\$6 adj1 index near3<br>ellip\$6 with spher\$6 and<br>"349"/\$.ccls. not Miyachi.<br>in.                                     | US-PGPUB;<br>USPAT | OR | ON | 2009/07/02<br>10:09 |
| S124 | 2  | refract\$6 adj1 index near3<br>ellip\$6 with spher\$6 and<br>"349"/\$.ccls. not Miyachi.<br>in. and "20060055865"<br>and spher\$6   | US-PGPUB;<br>USPAT | OR | ON | 2009/07/02<br>10:13 |
| S125 | 1  | "20070080370" and kerr<br>with effect and rotat\$6  | US-PGPUB;<br>USPAT | OR | ON | 2009/07/02<br>15:28 |
| S126 | 0  | "20070080370" and kerr<br>with effect same rotat\$6   | US-PGPUB;<br>USPAT | OR | ON | 2009/07/02<br>15:28 |
| S127 | 0  | "20070080370" and kerr<br>with effect same shap\$6  | US-PGPUB;<br>USPAT | OR | ON | 2009/07/02<br>15:29 |
| S128 | 1  | "20070080370" and kerr<br>with effect and shap\$6   | US-PGPUB;<br>USPAT | OR | ON | 2009/07/02<br>15:29 |
| S129 | 1  | "20070080370" and kerr<br>with effect and shap\$6<br>same rotat\$6  | US-PGPUB;<br>USPAT | OR | ON | 2009/07/02<br>15:29 |
| S130 | 1  | "20070080370" and prefer<br>\$6   | US-PGPUB;<br>USPAT | OR | ON | 2009/07/02<br>16:48 |
| S131 | 0  | "20070080370" and prefer<br>\$6 with embod\$6   | US-PGPUB;<br>USPAT | OR | ON | 2009/07/02<br>16:49 |
| S132 | 1  | "20070080370" and prefer<br>\$6 with medium   | US-PGPUB;<br>USPAT | OR | ON | 2009/07/02<br>16:49 |
| S133 | 21 | (chang\$5 alter\$6) near1<br>shap\$6 with (liquid adj1<br>crystal LC) near2 molecule  | US-PGPUB;<br>USPAT | OR | ON | 2009/07/02<br>16:53 |
| S134 | 0  | (chang\$5 alter\$6) near1<br>shap\$6 with (liquid adj1<br>crystal LC) near2 molecule<br>and miyachi.in.                             | US-PGPUB;<br>USPAT | OR | ON | 2009/07/02<br>16:54 |
| S135 | 0  | (chang\$5 alter\$6) near1<br>shap\$6 with (liquid adj1<br>crystal LC) near2 molecule<br>with (electr\$6 volt\$6) and<br>miyachi.in. | US-PGPUB;<br>USPAT | OR | ON | 2009/07/02<br>16:55 |
| S136 | 65 | "349"/\$.ccls. and<br>(flexoelectr\$6 flex\$6 adj1<br>electr\$6) adj1 effect\$6   | US-PGPUB;<br>USPAT | OR | ON | 2009/07/02<br>18:36 |
| S137 | 0  | "349"/\$.ccls. and<br>(flexoelectr\$6 flex\$6 adj1<br>electr\$6) adj1 effect\$6<br>with spher\$6                                    | US-PGPUB;<br>USPAT | OR | ON | 2009/07/02<br>18:41 |



|      |     |   |                 |    |    |                  |
|------|-----|---|-----------------|----|----|------------------|
| S138 | 0   | "349"/\$.ccls. and (flexoelectr\$6 flex\$6 adj1 electr\$6) adj1 effect\$6 same spher\$6   | US-PGPUB; USPAT | OR | ON | 2009/07/02 18:41 |
| S139 | 0   | "349"/\$.ccls. and (flexoelectr\$6 flex\$6 adj1 electr\$6) adj1 effect\$6 same (spher\$6 glob\$6)                               | US-PGPUB; USPAT | OR | ON | 2009/07/02 18:42 |
| S140 | 1   | "20070080370" and prefer \$6 with (medium material \$6)   | US-PGPUB; USPAT | OR | ON | 2009/07/02 18:43 |
| S141 | 0   | "20070080370" and prefer \$6 with (medium material \$6) and mateial\$6  | US-PGPUB; USPAT | OR | ON | 2009/07/02 18:46 |
| S142 | 1   | "20070080370" and prefer \$6 with (medium material \$6) and material\$6   | US-PGPUB; USPAT | OR | ON | 2009/07/02 18:46 |
| S143 | 440 | "349"/\$.ccls. and (liquid adj1 crystal LC) near2 molecule with (spher\$6 ellip\$6 oval\$6 glob\$6)                             | US-PGPUB; USPAT | OR | ON | 2009/07/02 18:49 |
| S144 | 122 | "349"/\$.ccls. and (liquid adj1 crystal LC) near2 molecule with (spher\$6 oval\$6 glob\$6)                                      | US-PGPUB; USPAT | OR | ON | 2009/07/02 18:50 |
| S145 | 35  | "349"/\$.ccls. and (liquid adj1 crystal LC) near2 molecule with (spher\$6 oval\$6 glob\$6) with (field volt\$6)                 | US-PGPUB; USPAT | OR | ON | 2009/07/02 18:50 |
| S146 | 2   | "349"/\$.ccls. and (liquid adj1 crystal LC) near2 molecule with (spher\$6 oval\$6 glob\$6) with (field volt\$6) and miyachi.in. | US-PGPUB; USPAT | OR | ON | 2009/07/02 18:51 |

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